

NeedipeDIA

ROBERT DIXON, JR.
INNOVATION OFFICE



One Mission. One Team. One Agency.
Committed to Excellence in Defense of the Nation

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NeedipeDIA Communicates Mission Needs

The Concept:

- Publish “needs” openly to identify solutions and encourage outside partner engagement from industry, academia, other federal entities, and non-traditional business partners.

DIA-BAA-14-01:

- NeedipeDIA is connected to DIA’s Innovation BAA and therefore can only currently fund projects with R&D funding.

KEY PROCESSES – Focus on Mission Users/Mission Needs

- Need publication – drafting, validating, review
- White paper evaluation – Establishing mission relevance, funding, de-confliction
- Interviews and proposal receipt and review – turning ideas to action

Industry and Academia no longer have to guess what DIA needs – NeedipeDIA statements are directly from the Mission Users



NeedpeDIA Eliminates the Middleman

Existing Challenges

- Match mission needs to emerging technology
- Difficult to identify, refine, and express mission needs

NeedpeDIA aligns responsibility to actions

- Solution is matched to mission need by people with most invested in outcome
- White papers and proposals are routed to mission practitioner
- NeedpeDIA empowers the workforce to enter their needs directly
- Streamlined routing of the need statement through pre-publication review
- Persons with the needs are part of the selection process





NeedipeDIA Engages Innovators

- NeedipeDIA allows DIA to find solutions to both Known Needs and Unknown Needs
- Addresses the “Unknown -- Unknowns” problem
- Taps into Innovation throughout Industry & Academia via non-traditional providers





NEEDIPEDIA

Welcome to the Innovation Office outreach effort to academia and industry. Collaboration between DIA and external entities is greatly enhanced when the Agency's needs are expressed clearly. This website enables DIA to express capability needs to the large community of innovators and inventors outside of the Agency and creates a direct communication channel into the emerging technology community, which is vital for greater mission success.

The opportunities listed below reflects a dynamic list of needs and is updated frequently. All individuals, companies, or academic institutions interested in receiving grants or contracts through the Innovation BAA (www.fbo.gov) or through www.grants.gov are encouraged to identify the specific need by number using the list below.

▼ I. Prevents Strategic Surprise

1.0U1 Enhanced Environmental Health Predictive Modeling

DIA desires improvements in high resolution climatology models, related data storage capabilities, and interoperability with operational models supporting chemical hazard area forecasting.

1.0U2 (U) Distributed Modeling and Simulation for Scientific and Technical Intelligence Analysis

DIA seeks to improve capabilities in high speed modeling and simulation of networked weapon systems to support scientific and technical intelligence. Research must address distributed simulation methodologies as well as human decision processes and operator effects.

- ▶ II. Supports Contingency Response
- ▶ III. New Analysis Technologies and Methods
- ▶ IV. Enhances Counter Intelligence
- ▶ V. Human Intelligence Capability Development
- ▶ VI. Mission Enhancing Science and Technology
- ▶ VII. Improves Mission Support Capabilities
- ▶ VIII. Enhances Technical Collection
- ▶ IX. Increases Organizational Effectiveness
- ▶ X. Empowers Partnership
- ▶ XCIX. Other Innovative Capabilities Not Listed Above

DIA INNOVATION STRATEGIC PLAN



[Download PDF \(3.48 MB\) »](#)

CONTACT US

Our office is located at:
 Joint Base Anacostia Bolling
 Building 6000
 Washington DC 20340-5100
Innovation@dodiis.mil



Developing Needs



Need Drafted

- Aligned to Mission
- Reviewers ID'd



Need Reviewed

- OPSEC and CI Review



Need Published

- NIPR
- JWICS



NeedipeDIA Organization

- **Trunk Needs**

- High level Needs that correspond to DIA Mission Areas and Strategic Plan

- **Branch Needs**

- Mid level Needs that typically correspond to Office level needs

- **Twig Needs**

- Needs that are further refined without presenting a specific “ask”

- **Leaf Needs**

- Very specific Needs where funding has typically been identified in advance and clear “ask” is present (widget, process, or technique)





NeedipeDIA – Metrics

- Have received over 550 white papers in first 12 months (classified / unclassified)
- Over 170 white papers have proceeded for deeper review (oral presentations and/or proposal submission)
- Over 220 unique vendors (~80% non-traditional)
- First contract awarded in June 2014
- Other contract awards linked to Innovation Development Process



NeedipeDIA - Challenges

- New Process
 - Internal Directorate processes and INO business processes are still being improved
- Piloting alternative acquisition processes to fully utilize existing FAR guidelines
 - Seeking contract mechanism to allow agility with O&M funds
- Key goal is to decrease response times to Industry to ensure they remain engaged and trust in the process



NeedipeDIA – New in 2015

- Refined Trunk Structure to better represent DIA Mission Alignment
- New internal White Paper review website
 - Will represent complete business process
 - Will allow for better collection of metrics and quicker response times to industry
- Revised BAA contains explicit verbiage allowing the DIA Innovation BAA and NeedipeDIA to be leveraged by other IC agencies, CCMDs, and Service Centers



Contact Information

Innovation Website:

- <http://www.intelink.ic.gov/blogs/ideastoaction/>

Needipedia Website:

- JWICS http://www.intelink.ic.gov/blogs/ideastoaction/?page_id=15233
- NIPR – www.dia.mil/business/needipedia

NeedipeDIA Email:

- Ideas2Action@dodiis.mil



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